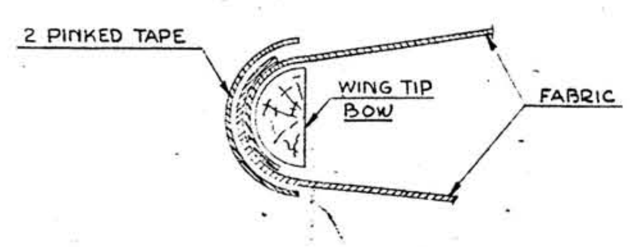
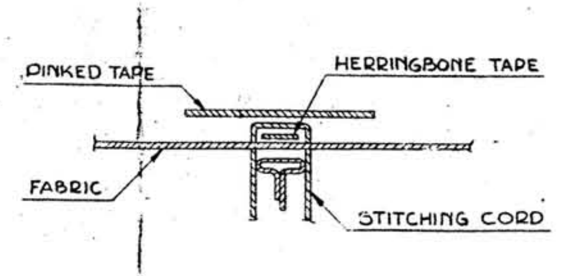
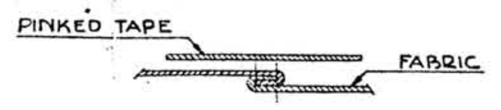
54
36
42 1/2
39 1/2
PINKED TAPE DOPED TO OUTSIDE SURFACE OF FABRIC OVER "N" BRACE MEMBER
23901
3 REQ. (DOPED TO FABRIC AT LIFT STRUT FITTINGS)
SEE FIG. 1.
13363-5
3 REQ
TOP EDGE OF LEADING EDGE COVER
81232-15
4 REQ.
FRONT SPAR
13 1/2
1 7/16
14397
82461
(ATTACH WITH 7 #4 P.K. SCREWS)
80541-2
DOPED TO FABRIC
60863-3
(INSTALLED OVER CABLES AFTER AIRPLANE IS RIGGED)
12 1/4
12761-2
14
13 1/4
80122-51 R DOPED TO UNDERSIDE OF WING & CENTERED ON DOOR CATCH.
85012-78 R
15
37 1/2
A A
B B
C C
E E
F F
L L
H H
G G
K K
D D
PINKED TAPE
REAR SPAR
82461 L
(ATTACH WITH 7 #4 P.K. SCREWS)
80541-2 L
(DOPED TO FABRIC)
12761-2
85012-78
7 REQ.
85012-78
PINKED TAPE
5 1/2
4
4 13/16
8
74 3/4
PANEL ASSY (SEE TABLE)
13568 L
13568-1 R
13363-5
12 REQ.
BOTTOM EDGE OF AILERON FALSE SPAR
60671
LOCATE OVER PULLEY BRACKET
60863-9
15761
2 REQ. (DOPED TO FABRIC AROUND LIFT STRUT FITTINGS)
60863-3
2 REQ. (DOPE TO FABRIC AT JURY STRUT FITTINGS)
BOTTOM EDGE OF FLAP FALSE SPAR
SEE NOTE 2.
80122-53
16 REQ.
85012-78
12761-2
80122-51 L
(LOCATE OVER WIRES)
PINKED TAPE
85012-78 L
4 1/2
11 3/4
80541-2
REAR CORNER OF WINDOW FRAME FLUSH WITH TOP OF RIB
80541-2
PINKED TAPE
85012-49
1 1/4


2 PINKED TAPE
WING TIP BOW
FABRIC

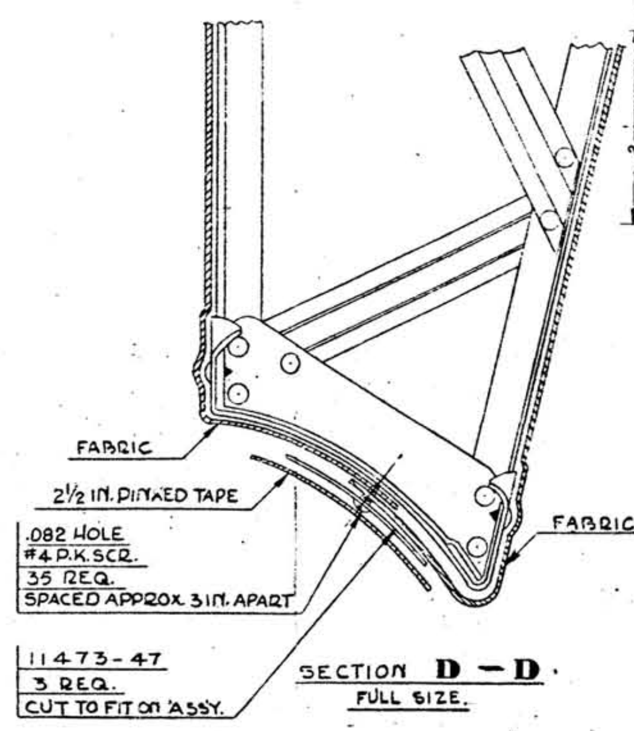
SECTION A–A
FULL SIZE


PINKED TAPE
HERRINGBONE TAPE
FABRIC
STITCHING CORD

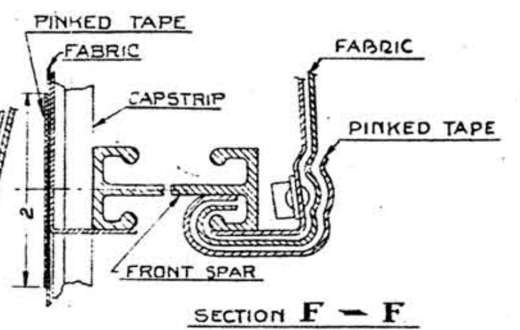
SECTION B–B
TYPICAL METHOD OF ATTACHING FABRIC TO RIB
FULL SIZE


PINKED TAPE
FABRIC

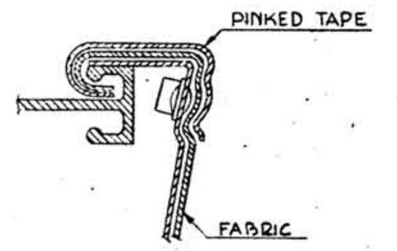
SECTION C–C
TYPICAL METHOD OF COVERING FABRIC SEAM
FULL SIZE


FABRIC
2½ IN. PINKED TAPE
.082 HOLE
#4 P.K. SCR.
35 REQ.
SPACED APPROX. 3 IN. APART
FABRIC
11473-47
3 REQ.
CUT TO FIT ON ASSY.

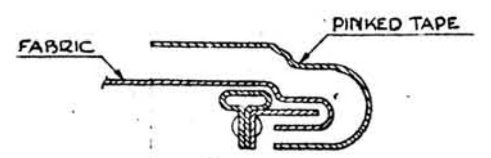
SECTION D–D
FULL SIZE


PINKED TAPE
FABRIC
CAPSTRIP
2
FRONT SPAR
FABRIC
PINKED TAPE

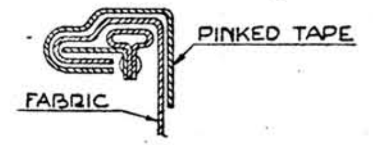
SECTION F–F
FULL SIZE


PINKED TAPE
FABRIC

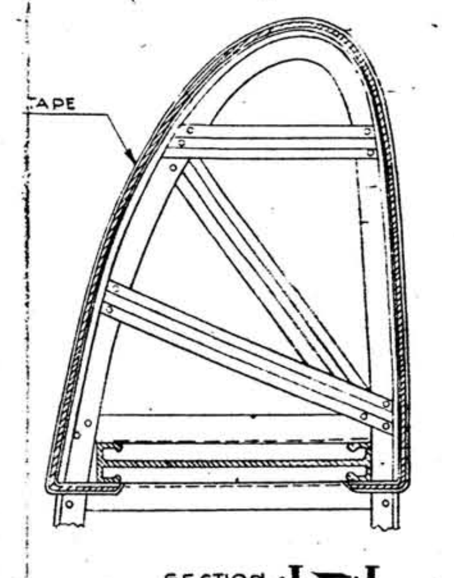
SECTION G–G
FULL SIZE


FABRIC
PINKED TAPE

SECTION E–E
FULL SIZE


PINKED TAPE
FABRIC

SECTION H–H
FULL SIZE



SECTION J–J

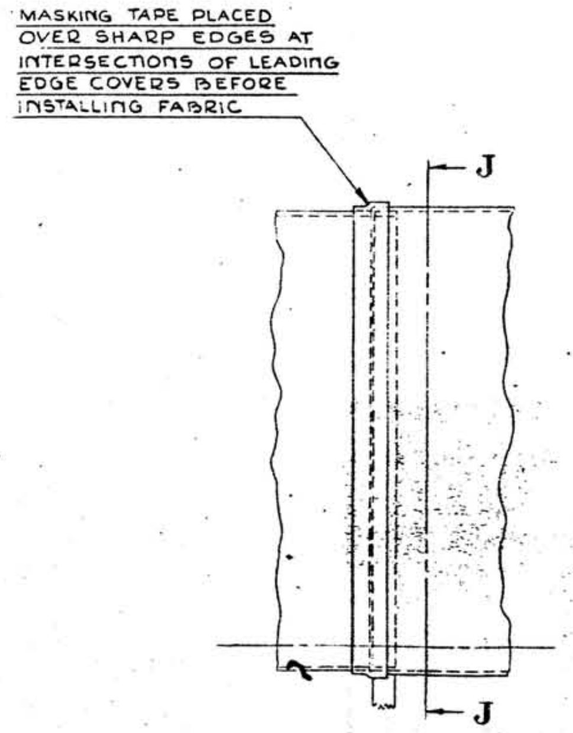
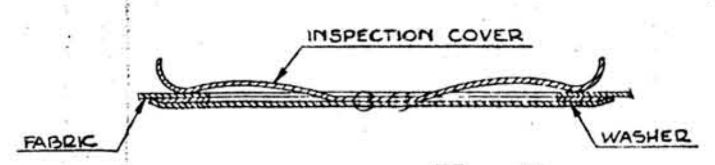
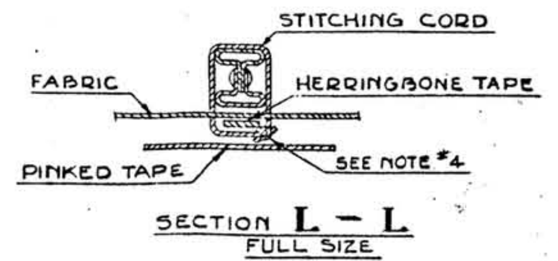

MASKING TAPE PLACED OVER SHARP EDGES AT INTERSECTIONS OF LEADING EDGE COVERS BEFORE INSTALLING FABRIC
J
J

FIG. 1
6 IN. = 1 FT.


INSPECTION COVER
FABRIC
WASHER

SECTION K–K
FULL SIZE


STITCHING CORD
FABRIC
HERRINGBONE TAPE
PINKED TAPE
SEE NOTE #4

SECTION L–L
FULL SIZE

NOTES:
1. PARTS MARKED L USED ON LEFT ASSEMBLY ONLY.
PARTS MARKED R USED ON RIGHT ASSEMBLY ONLY
2. TWO INCH RIB STITCH SPACING ON #2, #3 AND #4 RIBS.
THREE INCH RIB STITCH SPACING ON ALL OTHER RIBS.
3. ALL GROMMETS & REINFORCEMENTS ARE APPLIED TO OUTSIDE OF FABRIC.
4. USE SEINE KNOTS TO ATTACH RIB STITCHING CORD.

WING ASSY	PANEL ASSY	REMARKS
14400	14394	L.H. SHOWN & NOTED
14400-1	14394-1	R.H. OPP. & NOTED.
14400-2	14848	L.H. SHOWN & NOTED
14400-3	14848-1	R.H. OPP. & NOTED

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PART NO.	NO. REQ.	SIZE	DESCRIPTION / MATERIAL
14394-1 14394 14848-1 14848	1		WING PANEL ASS'Y (SEE TABLE)
	1	354 FT	BARBOURS #7 STITCHING CORD
	1.	3/4 x 75	JONFLEX CLOTH MASKING TAPE PURCH. INDL. TAPE CO.
	1	2 1/2 x 106	TAPE-PINKED SAE SPEC. AMS 3806 PREDOPED TITANINE SPEC. PD-56
	1	2 x 228 FT.	
#4	42 R 49 L	1/4 L.	TYPE "A" STOVE HD. P.K. SCR.
85012-49	1		WASHER
82461	1 R 2 L		INSPECTION WINDOW
81232-15	4		DISC
80541-2	3 R 4 L		INSPECTION WINDOW FRAME
80122-53	16		WASHER
80122-51	1		
85012-78	11		
60863-9	1		REINFORCEMENT
60863-3	4		
60671	1		GROMMET
23901	3		REINFORCEMENT
15761	2		REINFORCEMENT
14397	1		FABRIC ASSY.
13568-1 13568	1		FABRIC PATCH
13363-5	15		COTTON HERRINGBONE TAPE
12761-2	4		INSPECTION COVER ASSY.
11473-47	3		PLATE

SCALE 3 IN. = 1 FT. & NOTED | TOTAL WT.–LBS.
FINISH–PIPER SPECIFICATION #13
MANUFACTURING PRACTICES–PIPER SPECIFICATION #9

LET.	REVISION	DATE	BY
E	4 3/4 WAS 3 1/2	[illegible]	[illegible]
D	PINKED TAPE [illegible] 13568-1 [illegible]	[illegible] 58	[illegible]
C	85012-78 WAS [illegible]	[illegible]	[illegible]
B	TABLE [illegible] 14848-1 [illegible]	[illegible]	[illegible]
A	PINKED TAPE [illegible]	[illegible]	[illegible]

MODEL	PER PLANE	NEXT ASSEMBLY	SUPERSEDES	SUP. BY

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PIPER AIRCRAFT CORP.
LOCK HAVEN, PENNA.

WING ASSEMBLY–COVERED

DRAFTSMAN	CHECKER	STANDARDS
J.M.M. 6-11-54	C.F.K. 6-14-54	

14400